

Region 3 GPRA Baseline RCRA Corrective Action Facility

Koppers Co. Inc.-Bridgeville (Beazer East, Inc.)

**Miller Run Road
Bridgeville, PA 15017
Congressional District 20
EPA ID #: PAD063764898
Last Updated 12/31/2002**

Current Progress at the Site

In March 1985, the United States Environmental Protection Agency (EPA) issued a letter to the facility requesting information on Solid Waste Management Units (SWMUs) pursuant to the Resource Conservation and Recovery Act (RCRA). EPA issued a request for additional information in July 1985. In August 1985, Koppers submitted to EPA information regarding SWMUs and waste management practices. In 1990, Koppers closed its hazardous waste storage units in accordance with RCRA closure plans. On April 5, 1990, EPA submitted to Beazer a Request for Information Pursuant to Section 104 of CERCLA and Section 3007 of RCRA for the facility. Beazer submitted information to EPA in response to this request on May 1, 1990 and December 19, 1990. The facility currently does not operate any permitted hazardous waste storage areas and, therefore, has no RCRA permits.

Facility improvements have been made to reduce the potential for releases of hazardous constituents to the environment as a result of facility operations. These include the following:

- Three drum storage areas, a rolloff box storage area and a waste pile storage area were decontaminated and closed in 1990.
- Two settling lagoons were taken out of service in 1981 and 1984.
- Use of an on-site incinerator for treatment of hazardous process wastewater was discontinued and closed as a RCRA unit in 1984.
- One on-site landfill was covered and closed in 1974.
- Use of a second on-site landfill was discontinued in 1978.
- Contaminated soils (1225 cubic yards) at railcar chemical transfer stations were excavated and disposed off-site in 1990. The railcar chemical transfer stations were replaced with concrete containment systems.
- All underground storage tanks (seven) were taken out of service and removed: three in 1986, one prior to November 9, 1988, one in 1990, and two in 1993.
- Much of the facility has been paved with concrete or asphalt.

Investigations, testing and monitoring of groundwater and surface water at the facility were performed from 1990 through 1992. These investigations indicate the following:

- Groundwater beneath the process area discharges to Millers Run and Chartiers Creek.
- Low levels of volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) are present in the groundwater, but contaminated groundwater has not migrated to any off-site groundwater users. Surface water sampling showed that site-related compounds are not present downstream of the facility at the confluence of Miller's Run and Chartiers Creek.
- There are no public or community users of groundwater within 4 miles of the facility, nor is there a drinking water intake from surface water within 15 miles downstream of the facility.

EPA, the Pennsylvania Department for Environmental Protection (PADEP), Beazer, Cyanamid and the facility are working jointly to evaluate the need for further corrective action at the facility.

Beazer East Inc. and Cyanamid submitted a work plan in November 2001 to further evaluate and characterize the hydrogeology and the onsite soil conditions. The investigation consists of soil, groundwater, sediment and surface water sampling at the former landfills, existing groundwater monitoring wells and along Chartier Creek and Millers Run respectively. The facility completed the supplementary investigation and submitted the report in July 2002. Based on the finding of the investigation, additional soil sampling is needed to complete the EI determinations. EPA and Beazer East is in the process of finalizing the work plan for the additional sampling.

Site Description

The facility is located approximately $\frac{3}{4}$ mile west of Bridgeville in Allegheny County, Pennsylvania. The property comprises approximately 301 acres, of which the process area occupies approximately 55 acres. Chartiers Creek borders the property to the east and Millers Run borders the process area to the west and north. Both Chartiers Creek and Millers Run flow to the north. The Norfolk and Southern Railroad line runs in an east to west direction along the southern edge of the property. Interstate 79 is just east of the property and is separated from the process area by Chartiers Creek.

The facility was constructed in 1928, and was operated by the Seldon Company from 1928 until 1934. In 1934, the facility was purchased by the American Cyanamid Company (Cyanamid), which operated the facility until 1963. In 1963, the facility was sold to Koppers – Pittsburgh Company (KPC). In 1970, KPC sold the facility to Koppers Company, Inc. (Koppers). Koppers owned and operated the facility from 1963 until 1989. In 1989, Koppers leased part of the facility to Reichhold Chemicals, which continues to operate there. Koppers, which changed its name to Beazer East, Inc. (Beazer) in 1990, continues to own the property.

Manufacturing processes have been similar throughout the history of the facility. Historic manufacturing processes include the production of chlorinated naphthalene, amino and alkyl

resins, resole resins, maleic anhydride, phthalic anhydride for use in foam board, while current manufacturing processes include polyester resins, coating resins and other products.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

The primary contaminants in the groundwater at the facility are low levels of VOCs and SVOCs. Results of groundwater monitoring at the facility indicate that, although groundwater containing site-related constituents is present at the facility boundary, there have been no site-related constituents detected in surface water at the downstream edge of the facility. A risk evaluation performed in 1994 indicated that there is no threat or risk to surface water adjacent to the facility as a result of site-related constituents in groundwater discharging to Millers Run and Chartiers Creek.

Community Interaction

The Bridgeville facility borders Chartiers Creek and Millers Run, and is located in a light industrial, rural and residential setting. PADEP maintains a facility mailing list that is used to inform the public of substantial issues regarding the facility.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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